

General Profile

Title: PhD

Name: Elisabeth Sjöholm

Tasks: Member of the MC, leader of WG3

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Personal webpage (if any): -

Curriculum Vitae

Education/professional career:

Researcher	Analytical Chemistry, University of Stockholm	1986
Dr. Tech. (Chem. Eng.)	Wood Chemistry, KTH Stockholm	1999
Researcher/Senior Res. Assoc.	Innventia, Dept. of Chemistry,	1986 – 1991
Project Manager	Innventia, Dept. of Pulping,	1992 – 2002
Research Manager	Innventia, Chemical Analysis	2002-2007
Research Manager	Innventia, Wood Derived Chemicals	2007-2010
Proj. Manager/Sr. Res. Assoc.	Innventia, Wood Derived Chemicals	2010-

General: Wood chemistry, lignin chemistry including analytical techniques is the main expertise areas. The past three years active in a number of national and international Biorefinery related projects regarding up-grading of lignin to value-added products.

Others:

- Member of the Management Committee of the COST action E41 (Analytical tools with applications for wood and pulping chemistry), 2004-2008
- Organised EWLP (European Workshop on Lignocellulosics and Pulp) 2008 in Stockholm, together with KTH and Södra Cell. Theme “Biorefinery and renewability”

Research projects relevant to the Action:

Value-added products from kraft lignin, in particular carbonised product.

Five recent publications relevant to the Action:

1. Sjöholm E., Reimann A. and Kouppola J. (2007) Analytical pyrolysis of kraft lignin. 14th International Symposium on Wood Fibre and Pulping Chemistry, Durban, June 25-28.

2. Brodin, I., Sjöholm, E., Gellerstedt, G. (2009). Kraft lignin as feedstock for chemical products (2009). The effects of membrane filtration. *Holzforschung*, 63, 290-297.
3. Brodin, I., Gellerstedt, G. och Sjöholm, E. (2009). Characterisation of Fractionated Kraft Lignins by Pyrolysis-GC/MS. Poster presentation, 2nd Nordic Wood Biorefinery Conference, 2-4 september, Helsingfors, Finland.
4. Brodin, I., Gellerstedt, G. och Sjöholm, E. (2010): The Behavior of Kraft Lignin During Thermal Treatment, *J. Anal. Appl. Pyrol.*, 87, 70-77.
5. Gellerstedt, G., Sjöholm, E., Brodin, I. (2010). The Wood-Based Biorefinery: A Source of Carbon Fiber? Accepted for publication in *Open Agriculture J.* (Review)

Organisation

Innventia AB (<http://www.innventia.com>)

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